

Converting Colors

$Y_{xy}(25.1521, 0.4391, 0.4882)$

Have a look what the booklet for
Yxy(25.1521, 0.4391, 0.4882)
contains.

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Color

Yxy(25.1521, 0.4391, 0.4882)

Conversions

Conversions Part 1

Format	Color
Hex	9B8A03
RGB	155, 138, 3
RGB Percent	61%, 54%, 1%
CMY	0.3921, 0.4588, 0.9886
CMYK	0.00, 0.11, 0.98, 0.39
HSL	53°, 96%, 31%
HSV	53°, 98%, 61%
XYZ	22.6225, 25.1521, 3.7455
YIQ	127.6930, 53.4670, -38.3810

Conversions

Conversions Part 2

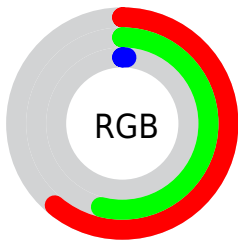
Format	Color
R_{YB}	22, 155, 3
Decimal	10193411
CIE _{Lab}	57.22, -5.75, 61.20
CIE _{LCh}	57, 61.472, 95.371
Y _{xy}	25.1521, 0.4391, 0.4882
Android (android.graphics.Color)	4288383491 (0xFF9B8A03)
Y _{UV}	127.6930, -61.4736, 23.9482
Hunter-Lab	50.1519, -7.2481, 30.6783

Details

The Yxy color **25.1521, 0.4391, 0.4882** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.8821, 0.1538, 0.0715**, and the grayscale version is **21.6745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8627, 0.4194, 0.4608**, and **9.8541, 0.4388, 0.4898** is the 20% darker color. If you saturate the color by 10%, you get **25.0541, 0.4401, 0.4887**, and if you desaturate by 10%, it is **25.6930, 0.4334, 0.4848**.

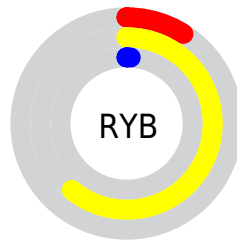
Distribution



Red (61%)

Green (54%)

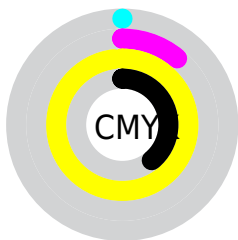
Blue (1%)



Red (9%)

Yellow (61%)

Blue (1%)

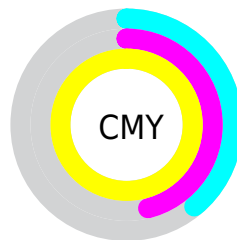


Cyan (0%)

Magenta (11%)

Yellow (98%)

Black (39%)



Cyan (39%)


Magenta (46%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1521, 0.4391, 0.4882 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.1521, 0.4391, 0.4882 by changing the saturation by 10% instead.


 25.1521, 0.4391,
0.4882


 25.1521, 0.4391,
0.4882


278.5946, 0.3786,
0.4083


 16.1904, 0.4495,
0.5042


 51.9039, 0.4197,
0.4611


 9.6590, 0.4630,
0.5257


 70.4627, 0.4114,
0.4501

 5.1735, 0.4638,
0.5362

 92.9894, 0.4042,
0.4406

 2.3494, 0.4567,
0.5433

 119.8684, 0.3977,
0.4324


 0.7997, 0.4366,
0.5634


 151.4840, 0.3921,
0.4252


 0.0000, 0.0000,
0.0000


 188.2206, 0.3871,


0.4189


 230.4627, 0.3826,
0.4133


 25.1521, 0.4391,
0.4882


 25.1521, 0.4391,
0.4882


 25.0541, 0.4401,
0.4887

 25.6930, 0.4334,
0.4848

 26.2720, 0.4253,
0.4775

 26.8993, 0.4147,
0.4661

 27.5797, 0.4019,
0.4508

 28.3175, 0.3874,
0.4325

■ 29.1164, 0.3718,
0.4120

■ 29.9796, 0.3559,
0.3903

■ 30.9104, 0.3400,
0.3681

■ 31.9115, 0.3246,
0.3462

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.1521, 0.5026, 0.4185



25.1521, 0.4391, 0.4882



25.1521, 0.3489, 0.5256

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.1521, 0.4391, 0.4882



25.1521, 0.1466, 0.2591



25.1521, 0.3487, 0.2250

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.1521, 0.4391, 0.4882



2.8821, 0.1538, 0.0715

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.1521, 0.2481, 0.1895



25.1521, 0.4391, 0.4882



25.1521, 0.1473, 0.1997

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.1521, 0.4391, 0.4882



25.1521, 0.1815, 0.3646



25.1521, 0.1802, 0.1796



25.1521, 0.4538, 0.2806

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.1521, 0.4391, 0.4882



25.1521, 0.2850, 0.5064



25.1521, 0.1802, 0.1796



25.1521, 0.3125, 0.2105

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.1533, 0.4391, 0.4882



53.4589, 0.3582, 0.3934



7.0846, 0.6189, 0.3205



11.9590, 0.3645, 0.4022



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1533, 0.4391, 0.4882



44.6947, 0.4406, 0.4884



25.9747, 0.3552, 0.5547



7.1050, 0.3263, 0.3486



20.1573, 0.4399, 0.4889



0.3306, 0.4297, 0.4970

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2.8821, 0.1538, 0.0715



4.8319, 0.1521, 0.0675



3.4283, 0.1852, 0.0805



6.1320, 0.2988, 0.3086



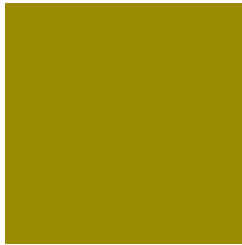
2.2618, 0.1528, 0.0701



0.0593, 0.1647, 0.1130

Previews

White Background



This preview shows how the Yxy color 25.1521, 0.4391, 0.4882 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Xy color 25.1521, 0.4391, 0.4882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1521, 0.4391, 0.4882

Background



This preview shows how black text looks on a background with the Yxy color 25.1521, 0.4391, 0.4882.

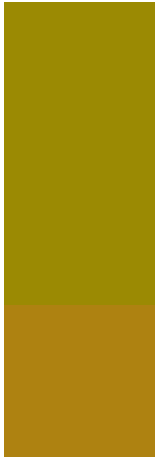


This preview shows how white text looks on a background with the Yxy color 25.1521, 0.4391, 0.4882.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.1521, 0.4391, 0.4882

Protanopia

25.1521, 0.4391, 0.4882

Deuteranopia

25.0044, 0.4681, 0.4583



Tritanopia

25.0599, 0.3430, 0.3136

Trichromacy



Original Color

25.1521, 0.4391, 0.4882

Protanomaly

25.1521, 0.4391, 0.4882

Deuteranomaly

25.0171, 0.4576, 0.4694

Tritanomaly

24.6974, 0.3949, 0.3972

Monochromacy



Original Color

25.1521, 0.4391, 0.4882

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.5303, 0.3738, 0.4150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1521, 0.4391, 0.4882 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(155, 138, 3)` looks like.

```
.text, #text, p{  
    color:rgb(155, 138, 3)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(155, 138, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 138, 3) }
```

Border

The CSS property to change the border of an element to Yxy 25.1521, 0.4391, 0.4882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 138, 3) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(155, 138, 3) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(155, 138, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 138, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 138, 3);  
box-shadow:4px 4px 4px 4px rgb(155, 138,  
3) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1521, 0.4391, 0.4882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 138, 3) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(155,  
138, 3) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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